

PATENT COOPERATION TREATY

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PCT/US2004/024339

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28 July 2004 (28.07.2004)

Priority date (day/month/year)

29 July 2003 (29.07.2003)

Applicant

RIB-X PHARMACEUTICALS, INC. et al

The International Bureau transmits herewith the following documents:

- ☐ copy of the international application as published by the International Bureau on under No. WO
- ☒ copy of international application as republished by the International Bureau on 29 September 2005 (29.09.2005) under No. WO 2005/012271
- For an explanation as to the reason for this republication of the international application, reference is made to INID codes (15), (48) or (88) (as the case may be) on the front page of the attached document.

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INTERNATIONAL SEARCH REPORT

International Application No

PC1/US2004/024339

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D263/20 C07D413/10 C07D413/12 C07D413/14 C07D417/10
C07D417/12 C07D417/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>EP 0 352 781 A (E.I. DU PONT DE NEMOURS AND COMPANY) 31 January 1990 (1990-01-31)</p> <p>page 16, line 21 - page 17, line 2 page 31 - page 33; examples 65,67</p> <p style="text-align: center;">-/-</p>	<p>1-6, 10, 17-25, 29, 30, 36-40, 44-47, 51-54, 56, 57, 60</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

30 June 2005

Date of making of the international search report

06/07/2005

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INTERNATIONAL SEARCH REPORT

Information on patent family members

Application No

PCT/US2004/024339

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INTERNATIONAL SEARCH REPORT

Application No
PCT/US2004/024339

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	<p>WO 2004/048392 A (ASTRAZENECA AB; ASTRAZENECA UK LIMITED; CARCANAGUE, DANIEL, ROBERT; GR) 10 June 2004 (2004-06-10)</p> <p>page 58, line 6 - page 60 pages 95-107; examples 13-21 page 109 - page 122; examples 25-30,33-36 page 125 - page 126; example 41 page 135 - page 144; examples 52,54,55 page 150 - page 165; examples 60-64</p>	<p>1-20,51, 52,54, 68-89, 120,121, 123, 125-134, 137,138</p>
P, X	<p>WO 2004/056817 A (ASTRAZENECA AB; ASTRAZENECA UK LIMITED; GRAVESTOCK, MICHAEL, BARRY; HA) 8 July 2004 (2004-07-08)</p> <p>page 62 page 86; example 4 page 89 - page 90; example 5 page 92; example 6</p>	<p>1-3, 5-20,51, 52,54, 68-72, 74-89, 120,121, 123, 125-134, 137,138</p>
E	<p>WO 2004/078753 A (ASTRAZENECA AB; ASTRAZENECA UK LIMITED; GRAVESTOCK, MICHAEL, BARRY; HA) 16 September 2004 (2004-09-16)</p> <p>page 23, line 25 - page 24, line 5 page 29, line 18 - line 23 page 31, line 8 - line 14 page 39; example 1 page 46 - page 49; examples 2-5 page 83; example 40</p>	<p>1-20, 51-54, 68-89, 120-123, 125-134, 137,138</p>
E	<p>WO 2005/012270 A (RIB-X PHARMACEUTICALS, INC; OYELERE, ADEGBOYEGA, K; GOLDBERG, JOEL, A;) 10 February 2005 (2005-02-10) page 47; Scheme 1 page 50, line 5 - line 6 page 52, line 13 - line 14 page 54; Scheme 10 page 56; Scheme 12</p>	<p>1-69</p>
E	<p>WO 2005/019211 A (RIB-X PHARMACEUTICALS, INC; ZHOU, JIACHENG; BHATTACHARJEE, ASHOKE; CHE) 3 March 2005 (2005-03-03) page 255 - page 258; claims 59-76 pages 24-27; Schemes A - D page 153; Scheme 1</p>	<p>1-138</p>